

**PATENT**  
Attorney Docket No. MLF-001  
(9519/2)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Price  
APPLICATION NO.: 10/619,173 GROUP NO.: 3624  
FILING DATE: July 14, 2003 EXAMINER: Not Yet Assigned  
TITLE: Extended Manufacturing Environment

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the 21st day of November, 2003.

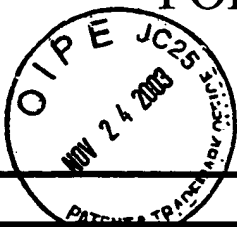
  
Irja Zarembok

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Submitted herewith are:

Transmittal Form (1 pg.);  
Information Disclosure Statement (2 pgs.);  
Form PTO-1449 (3 pgs.);  
Copies of the cited references C1-C15; and  
Return Receipt Postcard.

# TRANSMITTAL FORM



Application Serial Number	10/619,173
Filing Date	July 14, 2003
First Named Inventor	Price
Group Art Unit	3624
Examiner Name	Not yet assigned
Attorney Docket No.	MLF-001
BATCH NO. (after allowance)	Not applicable
Patent No.	Not applicable
Issue Date	Not applicable

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form  <input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]  <input type="checkbox"/> Petition for Extension of Time  <input checked="" type="checkbox"/> Information Disclosure Statement (2 pgs.) <input checked="" type="checkbox"/> Form PTO-1449 (3 pgs.) <input checked="" type="checkbox"/> Copies of the cited references C1-C15  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)  <input type="checkbox"/> Formal Drawings  <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal  <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application  <input type="checkbox"/> Small Entity Statement  <input type="checkbox"/> CD(s) for large table or computer program  <input type="checkbox"/> Amendment After Allowance  <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences  <input type="checkbox"/> Appeal Brief (in triplicate)  <input type="checkbox"/> Status Inquiry  <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8  <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8  <input type="checkbox"/> Additional Enclosure (please identify below)
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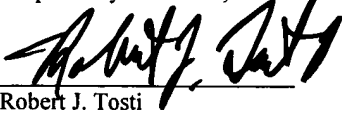
## CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
 Testa, Hurwitz & Thibault, LLP  
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 125 High Street  
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 Tel. No.: (617) 248-7000  
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## SIGNATURE BLOCK

Date: November 21, 2003  
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Respectfully submitted,

  
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PATENT  
Attorney Docket No. MLF-001  
(9519/2)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Price  
APPLICATION NO.: 10/619,173 GROUP NO.: 3624  
FILING DATE: JULY 14, 2003 EXAMINER: Not yet assigned  
TITLE: Extended Manufacturing Environment

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicant hereby makes of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. In accordance with the U.S. Patent Office's partial waiver of the requirement under 37 C.F.R. 1.98(a)(2)(i), only copies of the non-patent publications (C1-C15) are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

### STATEMENT

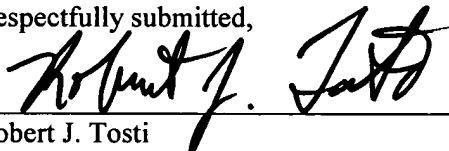
As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

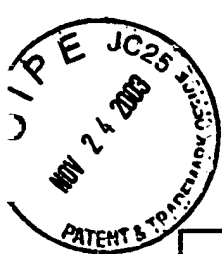
Date: November 21, 2003  
Reg. No. 35,393

Tel. No.: (617) 248-7374  
Fax No.: (617) 248-7100

Respectfully submitted,



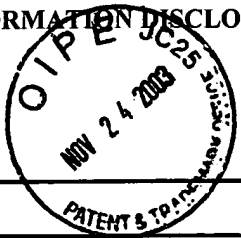
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125 High Street  
Boston, Massachusetts 02110



<b>FORM PTO - 1449</b>				<b>ATTORNEY DOCKET NO. MLF-001 (9519/2)</b>					
<b>INFORMATION DISCLOSURE STATEMENT</b>				<b>APPLICANT: Price</b>					
				<b>SERIAL NO. 10/619,173</b>					
				<b>FILING DATE: July 14, 2003      GROUP: 3624</b>					
<b>U.S. PATENT DOCUMENTS</b>									
<b>EXAM. INIT.</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUB CLASS</b>	<b>FILING DATE IF APPROPRIATE</b>		
	A1	2001/0051886	12/13/01	Mitsutake et al.			05/31/01		
	A2	2002/0035450	03/21/02	Thackston			07/13/01		
	A3	2002/0067370	06/06/02	Forney et al.			09/17/01		
	A4	2002/0082891	06/27/02	McKay et al.			12/27/00		
	A5	2002/0083057	06/27/02	Zulpa et al.			12/27/00		
	A6	2002/0194304	12/19/02	Cramer et al.			06/15/01		
	A7	2003/0074424	04/17/03	Giles et al.			10/17/01		
	A8	6,295,513	09/25/01	Thackston			10/01/99		
	A9	6,539,386	03/25/03	Athavale et al.			06/15/00		
<b>FOREIGN PATENT DOCUMENTS</b>									
<b>EXAM. INIT.</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>COUNTRY CODE</b>	<b>CLASS</b>	<b>SUB CLASS</b>	<b>FILING DATE</b>	<b>ABSTRACT ONLY</b>	<b>ENGLISH LANG (Y/N)</b>
<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>									
<b>EXAM. INIT.</b>	<b>OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>								
	C1	"Arena PLM is a Complete Product Lifecycle Management Solution for Use From Concept Through End-of-Life" [online]. Arena Solutions [retrieved on June 20, 2003]. Retrieved from the Internet: <URL: <a href="http://www.arenasolutions.com/product/features.html">http://www.arenasolutions.com/product/features.html</a> > , 6 pages.							



<b>FORM PTO-1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>		<b>ATTORNEY DOCKET NO.</b> MLF-001 (9519/2) <b>APPLICANT:</b> Price <b>SERIAL NO.</b> 10/619,173 <b>FILING DATE:</b> July 14, 2003 <b>GROUP:</b> 3624
<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>		
<b>EXAM. INIT.</b>	<b>OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>	
	C2	“Datasweep Improves Performance at Manufacturing Services Firms” [online]. June 1, 2003, Electro Manufacturing, ISSN:1041-052X; Volume 16; Issue 6 [retrieved on June 6, 2003]. Retrieved from the Internet: <URL: <a href="http://global.factiva.com/en/arch/print_results.asp">http://global.factiva.com/en/arch/print_results.asp</a> >, 2 pages.
	C3	“Fact Sheet – MAPICS Portal” [online] Mapics, Inc. Retrieved from the Internet: <URL: <a href="http://www.mapics.com">http://www.mapics.com</a> >, 2 pages.
	C4	Foster T. A., “Opening a Portal to Supply-Chain Collaboration” [online]. April, 2003 [retrieved on June 23, 2003]. Retrieved from the Internet: <URL: <a href="http://www.supplychainbrain.com/archives/04.03.portal.htm?adcode=10">http://www.supplychainbrain.com/archives/04.03.portal.htm?adcode=10</a> >, 7 pages.
	C5	Grosvenor et al. “Cisco’s eHub Initiative” [online]. From the July/August 2001 Issue of Supply Chain Management Review [retrieved on June 18, 2003]. Retrieved from the Internet: <URL: <a href="http://www.manufacturing.net/scm/index.asp?layout=article&amp;articleid=CA154379">http://www.manufacturing.net/scm/index.asp?layout=article&amp;articleid=CA154379</a> >, 11 pages.
	C6	“MAPICS – MAPICS news” [online]. Mapics, Inc. [retrieved on June 23, 2003]. Retrieved from the Internet: <URL: <a href="http://www.mapics.com/customers/ResourceCenter/hightech/news.asp">http://www.mapics.com/customers/ResourceCenter/hightech/news.asp</a> >, 2 pages.
	C7	“MAPICS Product Overview – MAPICS Portal” [online] Mapics, Inc. Retrieved from the Internet: <URL: <a href="http://www.mapics.com">http://www.mapics.com</a> >, 9 pages.
	C8	“Masstech EMS Sees Immediate Results After Deploying MAPICS” [online]. Atlanta: June 24, 2003 [retrieved on October 27, 2003]. Retrieved from the Internet: <URL: <a href="http://www.mapics.com/company/PressRoom/03releases/pr-030624.asp">http://www.mapics.com/company/PressRoom/03releases/pr-030624.asp</a> >, 3 pages.
	C9	“New Buyer-Supplier Role Portal Helps MAPICS Customer, Mitsubishi Caterpillar Forklift Europe, Decrease On-Hand Inventory by More Than \$10 Million Within Six Months” [online]. Atlanta: June 27, 2002. [retrieved on November 9, 2003]. Retrieved from the Internet: <URL: <a href="http://www.mapics.com/company/PressRoom/02releases/pr-020627.asp">http://www.mapics.com/company/PressRoom/02releases/pr-020627.asp</a> >, 2 pages.
	C10	“Outsourcing. It’s No Longer an Option”, APICS-The Performance Advantage, June 2003, page 8.
	C11	“Seamless Virtual Communities – MAPICS Portal” [online] Mapics, Inc. Retrieved from the Internet: <URL: <a href="http://www.mapics.com">http://www.mapics.com</a> >, 2 pages.
	C12	“Solutions: By Functional Area. Manufacturing” [online]. Lilly Software Associates, Inc. [retrieved on June 17, 2003]. Retrieved from the Internet: <URL: <a href="http://www.lillysoftware.com/products/VISUAL_manufacturing/">http://www.lillysoftware.com/products/VISUAL_manufacturing/</a> >, 1 page.
	C13	“Solutions: By Functional Area. Manufacturing: Engineering Change Notice” [online]. Lilly Software Associates, Inc. [retrieved on June 17, 2003]. Retrieved from the Internet: <URL: <a href="http://www.lillysoftware.com/products/visual_manufacturing/ntp_ec.cfm">http://www.lillysoftware.com/products/visual_manufacturing/ntp_ec.cfm</a> >, 1 page.

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<b>EXAM. INIT.</b>	<b>OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>		
	C14	“Solutions: By Functional Area. Manufacturing: Quality Management” [online]. Lilly Software Associates, Inc. [retrieved on June 17, 2003]. Retrieved from the Internet: <URL: <a href="http://www.lillysoftware.com/products/visual_manufacturing/ntp_qm.cfm">http://www.lillysoftware.com/products/visual_manufacturing/ntp_qm.cfm</a> >, 3 pages.	
	C15	“Sun One Portal Virtualizes Manufacturing Processes, Supplier Management and Collaboration” [online]. Chicago, IL: National Manufacturing Week (Booth #800), March 4, 2003 [retrieved on November 9, 2003]. Retrieved from the Internet: <URL: <a href="http://www.sun.com/smi/Press/sunfalsh/2003-03/sunflash.20030304.3.html">http://www.sun.com/smi/Press/sunfalsh/2003-03/sunflash.20030304.3.html</a> >, 3 pages .	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	

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